

L10 ANSWER 6 OF 6 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 134918967 INPADOC ED 20000920 EW 200037 UP 20010702 UW 200126

TI USE OF A QUATERNARY AMMONIUM GLYCOSIDE SURFACTANT AS
AN ADJUVANT FOR FERTILISERS OR PESTICIDES.

IN GUSTAVSSON, BODIL

INS GUSTAVSSON BODIL

INA SE

PA AKZO NOBEL NV; GUSTAVSSON, BODIL

PAS AKZO NOBEL NV; GUSTAVSSON BODIL

PAA NL; SE

TL English; French

LA English

DT Patent

PIT WOA1 PUBL.OF THE INT.APPL. WITH INT.SEARCH REPORT

PI WO 2000049870 A1 20000831

DS RW: GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG

W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI
GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW

AI WO 2000-SE261 A 20000210

PRAI SE 1999-638 A 19990224

OSCA 133:173398

OSDW 2000-565398

=> s 19 and ammonium sulphate

L11 0 L9 AND AMMONIUM SULPHATE

=>

A01N057-20; C05G003-06

L9 ANSWER 5 OF 20 WPIX COPYRIGHT 2004 THOMSON DERWENT on STN

AN 1999-204657 [17] WPIX

CR 1999-214497 [16]; 1999-228910 [16]

DNC C1999-059571

TI Cationic sugar surfactants with improved biodegradability - can be obtained by reacting an ethoxylated **quat. ammonium** compound with a reducing saccharide or an alkyl glycoside.

DC A97 D25 E13 E16

IN GUSTAVISSON, B; SKOLD, R; GUSTAVSSON, B; SKOELD, R

PA (ALKU) AKZO NOBEL NV; (GUST-I) GUSTAVSSON B; (SKOL-I) SKOLD R

CYC 28

PI WO 9910462 A1 19990304 (199917)* EN 22 C11D001-62
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

W: AU BR CA IS JP NO PL RU US

SE 9703089 A 19990228 (199921) C11D001-62

AU 9884707 A 19990316 (199930) C11D001-62

SE 511873 C2 19991213 (200005) C11D001-62

NO 2000000950 A 20000418 (200031) C11D001-62

EP 1015536 A1 20000705 (200035) EN C11D001-62

R: AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

BR 9811373 A 20000829 (200046) C11D001-62

AU 736353 B 20010726 (200149) C11D001-62

JP 2001514303 W 20010911 (200167) 24 C11D001-62

US 6432907 B1 20020813 (200255) C11D003-22

US 2002193274 A1 20021219 (200303) C11D017-00

US 6503880 B1 20030107 (200306) C11D003-22

RU 2217486 C2 20031127 (200406) C11D001-62

EP 1015536 B1 20040121 (200410) EN C11D001-62

R: AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

DE 69821249 E 20040226 (200419) C11D001-62

ADT WO 9910462 A1 WO 1998-SE1433 19980803; SE 9703089 A SE 1997-3089 19970827;
AU 9884707 A AU 1998-84707 19980803; SE 511873 C2 SE 1997-3089 19970827;
NO 2000000950 A WO 1998-SE1433 19980803, NO 2000-950 20000225; EP 1015536
A1 EP 1998-935463 19980803, WO 1998-SE1433 19980803; BR 9811373 A BR
1998-11373 19980803, WO 1998-SE1433 19980803; AU 736353 B AU 1998-84707
19980803; JP 2001514303 W WO 1998-SE1433 19980803, JP 2000-507771
19980803; US 6432907 B1 Cont of WO 1998-SE1433 19980803, US 2000-512856
20000225; US 2002193274 A1 Cont of WO 1998-SE1433 19980803, Div ex US
2000-512856 20000225, US 2002-177788 20020620; US 6503880 B1 Cont of WO
1998-SE1433 19980803, Div ex US 2000-512856 20000225, US 2002-177788
20020620; RU 2217486 C2 WO 1998-SE1433 19980803, RU 2000-107793 19980803;
EP 1015536 B1 EP 1998-935463 19980803, WO 1998-SE1433 19980803; DE
69821249 E DE 1998-621249 19980803, EP 1998-935463 19980803, WO
1998-SE1433 19980803

FDT AU 9884707 A Based on WO 9910462; EP 1015536 A1 Based on WO 9910462; BR
9811373 A Based on WO 9910462; AU 736353 B Previous Publ. AU 9884707,
Based on WO 9910462; JP 2001514303 W Based on WO 9910462; US 2002193274 A1
Div ex US 6432907; US 6503880 B1 Div ex US 6432907; RU 2217486 C2 Based on
WO 9910462; EP 1015536 B1 Based on WO 9910462; DE 69821249 E Based on EP
1015536, Based on WO 9910462

PRAI SE 1997-3089 19970827

IC ICM C11D001-62; C11D003-22; C11D017-00

ICS C11D001-645; C11D001-65; C11D001-835

ICA C07H015-04

ICI C07H015:04

L9 ANSWER 6 OF 20 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN

AN 2000-565398 [52] WPIDS

DNC C2000-168437

TI Use of a quaternary glycoside surfactant containing at least one 6-24C hydrocarbon group and at least one **quaternary ammonium** group as an adjuvant for pesticides and fertilizers..

DC A97 C01 C04
 IN GUSTAVSSON, B
 PA (ALKU) AKZO NOBEL NV
 CYC 91
 PI WO 2000049870 A1 20000831 (200052)* EN 34 A01N025-30
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
 OA PT SD SE SL SZ TZ UG ZW
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
 LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
 TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 SE 9900638 A 20000825 (200052)
 AU 2000033392 A 20000914 (200063)
 SE 514862 C2 20010507 (200128) A01N025-30
 BR 2000008217 A 20011106 (200175) A01N025-30
 EP 1154687 A1 20011121 (200176) EN A01N025-30
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT
 RO SE SI
 CN 1340994 A 20020320 (200246) A01N025-30
 AU 756823 B 20030123 (200319) A01N025-30
 ZA 2001005331 A 20030326 (200327) 39 A01N000-00
 MX 2001007228 A1 20020101 (200362) A01N025-30
 EP 1154687 B1 20031119 (200377) EN A01N025-30
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 DE 60006648 E 20031224 (200408) A01N025-30
 ADT WO 2000049870 A1 WO 2000-SE261 20000210; SE 9900638 A SE 1999-638
 19990224; AU 2000033392 A AU 2000-33392 20000210; SE 514862 C2 SE 1999-638
 19990224; BR 2000008217 A BR 2000-8217 20000210; WO 2000-SE261 20000210;
 EP 1154687 A1 EP 2000-911526 20000210; WO 2000-SE261 20000210; CN 1340994
 A CN 2000-804136 20000210; AU 756823 B AU 2000-33392 20000210; ZA
 2001005331 A ZA 2001-5331 20010628; MX 2001007228 A1 WO 2000-SE261
 20000210; MX 2001-7228 20010716; EP 1154687 B1 EP 2000-911526 20000210; WO
 2000-SE261 20000210; DE 60006648 E DE 2000-00006648 20000210; EP
 2000-911526 20000210; WO 2000-SE261 20000210
 FDT AU 2000033392 A Based on WO 2000049870; BR 2000008217 A Based on WO
 2000049870; EP 1154687 A1 Based on WO 2000049870; AU 756823 B Previous
 Publ. AU 2000033392, Based on WO 2000049870; MX 2001007228 A1 Based on WO
 2000049870; EP 1154687 B1 Based on WO 2000049870; DE 60006648 E Based on
 EP 1154687, Based on WO 2000049870
 PRAI SE 1999-638 19990224
 IC ICM A01N000-00; A01N025-30
 ICS A01N057-20; C05G003-06

 L9 ANSWER 7 OF 20 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 1999-204657 [17] WPIDS
 CR 1999-214497 [16]; 1999-228910 [16]
 DNC C1999-059571
 TI Cationic sugar surfactants with improved biodegradability - can be
 obtained by reacting an ethoxylated quat. ammonium
 compound with a reducing saccharide or an alkyl glycoside.
 DC A97 D25 E13 E16
 IN GUSTAVISSON, B; SKOLD, R; GUSTAVSSON, B; SKOELD, R
 PA (ALKU) AKZO NOBEL NV; (GUST-I) GUSTAVSSON B; (SKOL-I) SKOLD R
 CYC 28
 PI WO 9910462 A1 19990304 (199917)* EN 22 C11D001-62
 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 W: AU BR CA IS JP NO PL RU US
 SE 9703089 A 19990228 (199921) C11D001-62
 AU 9884707 A 19990316 (199930) C11D001-62
 SE 511873 C2 19991213 (200005) C11D001-62
 NO 20000000950 A 20000418 (200031) C11D001-62
 EP 1015536 A1 20000705 (200035) EN C11D001-62
 R: AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE
 BR 9811373 A 20000829 (200046) C11D001-62

AU 736353	B	20010726 (200149)		C11D001-62
JP 2001514303	W	20010911 (200167)	24	C11D001-62
US 6432907	B1	20020813 (200255)		C11D003-22
US 2002193274	A1	20021219 (200303)		C11D017-00
US 6503880	B1	20030107 (200306)		C11D003-22
RU 2217486	C2	20031127 (200406)		C11D001-62
EP 1015536	B1	20040121 (200410)	EN	C11D001-62
R: AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE				
DE 69821249	E	20040226 (200419)		C11D001-62

ADT WO 9910462 A1 WO 1998-SE1433 19980803; SE 9703089 A SE 1997-3089 19970827; AU 9884707 A AU 1998-84707 19980803; SE 511873 C2 SE 1997-3089 19970827; NO 2000000950 A WO 1998-SE1433 19980803, NO 2000-950 20000225; EP 1015536 A1 EP 1998-935463 19980803, WO 1998-SE1433 19980803; BR 9811373 A BR 1998-11373 19980803, WO 1998-SE1433 19980803; AU 736353 B AU 1998-84707 19980803; JP 2001514303 W WO 1998-SE1433 19980803, JP 2000-507771 19980803; US 6432907 B1 Cont of WO 1998-SE1433 19980803, US 2000-512856 20000225; US 2002193274 A1 Cont of WO 1998-SE1433 19980803, Div ex US 2000-512856 20000225, US 2002-177788 20020620; US 6503880 B1 Cont of WO 1998-SE1433 19980803, Div ex US 2000-512856 20000225, US 2002-177788 20020620; RU 2217486 C2 WO 1998-SE1433 19980803, RU 2000-107793 19980803; EP 1015536 B1 EP 1998-935463 19980803, WO 1998-SE1433 19980803; DE 69821249 E DE 1998-621249 19980803, EP 1998-935463 19980803, WO 1998-SE1433 19980803

FDT AU 9884707 A Based on WO 9910462; EP 1015536 A1 Based on WO 9910462; BR 9811373 A Based on WO 9910462; AU 736353 B Previous Publ. AU 9884707, Based on WO 9910462; JP 2001514303 W Based on WO 9910462; US 2002193274 A1 Div ex US 6432907; US 6503880 B1 Div ex US 6432907; RU 2217486 C2 Based on WO 9910462; EP 1015536 B1 Based on WO 9910462; DE 69821249 E Based on EP 1015536, Based on WO 9910462

PRAI SE 1997-3089 19970827

IC ICM C11D001-62; C11D003-22; C11D017-00
ICS C11D001-645; C11D001-65; C11D001-835

ICA C07H015-04
ICI C07H015:04

L9 ANSWER 8 OF 20 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10249567 IFIPAT;IFIUDB;IFICDB
TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND REDUCING SACCHARIDES
IN Gustavsson Bodil (SE); Skold Rolf (SE)
PA Unassigned Or Assigned To Individual (68000)
PPA Akzo Nobel N V NL (Probable)
PI US 2002193274 A1 20021219
AI US 2002-177788 20020620
RLI WO 1998-SE1433 19980803 CONTINUATION UNKNOWN
US 2000-512856 20000225 DIVISION 6432907
PRAI SE 1997-3089 19970827
FI US 2002193274 20021219
US 6432907
US 6503880 20030107
DT Utility; Patent Application - First Publication **
00001000
FS CHEMICAL
APPLICATION
CLMN 15

L9 ANSWER 9 OF 20 IFIPAT COPYRIGHT 2004 IFI on STN
AN 03811208 IFIPAT;IFIUDB;IFICDB
TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND REDUCING SACCHARIDES; ADDING A HYDROTROPE TO SURFACTANT, HYDROTROPE COMPRISING A CATIONIC SUGAR SURFACTANT CONTAINING AT LEAST ONE HYDROCARBON GROUP WITH 6-24 CARBON ATOMS AND AT LEAST ONE QUATERNARY AMMONIUM GROUP FOR INCREASING SOLUBILITY
IN Gustavsson Bodil (SE); Skold Rolf (SE)

PA Akzo Nobel N V NL (33913)
 PI US 6503880 B2 20030107
 AI US 2002-177788 20020620
 RLI WO 1998-SE1433 19980803 CONTINUATION PENDING
 US 2000-512856 20000225 DIVISION 6432907
 PRAI SE 1997-3089 19970827
 FI US 6503880 20030107
 US 6432907
 US 2002193274 20021219
 DT Utility; CERTIFICATE OF CORRECTION
 CDAT 15 Jul 2003
 FS CHEMICAL
 GRANTED
 CLMN 8

L9 ANSWER 10 OF 20 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 03732539 IFIPAT;IFIUDB;IFICDB
 TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND
 REDUCING SACCHARIDES; ADJUSTMENT SOLUBILITY; MIXTURE OF NONIONIC
 SURFACTANT AND HYDROTROPIC
 IN Gustavsson Bodil (SE); Skold Rolf (SE)
 PA Akzo Nobel N V NL (33913)
 PI US 6432907 B1 20020813
 AI US 2000-512856 20000225
 RLI WO 1998-SE1433 19980803 CONTINUATION PENDING
 PRAI SE 1997-3089 19970827
 FI US 6432907 20020813
 DT Utility; CERTIFICATE OF CORRECTION
 CDAT 27 May 2003
 FS CHEMICAL
 GRANTED
 MRN 010853 MFN: 0317
 CLMN 6

L9 ANSWER 11 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 231486758 INPADOC ED 20040415 EW 200416 UP 20040415 UW 200416
 TI CATIONIC SUGAR-CONTAINING SURFACE-ACTIVE SUBSTANCES PREPARED FROM
 ETHOXYLATED AMMONIUM COMPOUNDS AND REDUCING SACCHARIDES.
 IN SHEL'D ROL'F; GUSTAVSSON BODIL'
 INS SHEL D ROL F; GUSTAVSSON BODIL
 INA SE; SE
 PA AKTSO NOBEL' N.V.
 PAS AKTSO NOBEL N V
 PAA NL
 TL English
 DT Patent
 PIT RUC2 PATENT (SECOND PUBLICATION)
 PI RU 2217486 C2 20031127
 AI RU 2000-107793 A 19980803
 PRAI SE 1997-3089 A 19970827

L9 ANSWER 12 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 229872257 INPADOC ED 20040318 EW 200412 UP 20040318 UW 200412
 TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND
 REDUCING SACCHARIDES.
 TENSIO-ACTIFS CATIONIQUES DE SUCRE OBTENUS A PARTIR DE COMPOSES
 D'AMMONIUM ETHOXYLES ET SACCHARIDES REDUCTEURS.
 IN SKOELD, ROLF; GUSTAVSSON, BODIL
 INS SKOELD ROLF; GUSTAVSSON BODIL
 INA SE; SE

PA AKZO NOBEL N.V.
PAS AKZO NOBEL NV
PAA NL
TL English; French
LA English
DT Patent
PIT CAAA LAID-OPEN APPLICATION
PI CA 2296574 AA 19990304
AI CA 1998-2296574 A 19980803
PRAI SE 1997-3089 A 19970827
WO 1998-SE1433 W 19980803

L9 ANSWER 13 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 194663681 INPADOC ED 20030128 EW 200304 UP 20030527 UW 200321
TI USE OF A **QUATERNARY AMMONIUM** GLYCOSIDE SURFACTANT AS
AN ADJUVANT FOR FERTILIZERS OR PESTICIDES.
IN GUSTAVSSON, BODIL
INS GUSTAVSSON BODIL
INA SE
PA AKZO NOBEL N.V.
PAS AKZO NOBEL NV
PAA NL
TL English; French
LA English
DT Patent
PIT CAAA LAID-OPEN APPLICATION
PI CA 2356842 AA 20000831
AI CA 2000-2356842 A 20000210
PRAI SE 1999-638 A 19990224
WO 2000-SE261 W 20000210

L9 ANSWER 14 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 192673655 INPADOC ED 20030121 EW 200303 UP 20030527 UW 200321
TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND
REDUCING SACCHARIDES.
IN SKOLD ROLF; GUSTAVSSON BODIL
INS SKOLD ROLF; GUSTAVSSON BODIL
INA SE; SE
PA SKOLD ROLF; GUSTAVSSON BODIL
PAS SKOLD ROLF; GUSTAVSSON BODIL
PAA SE; SE
DT Patent
PIT USAA PATENT APPLICATION PUBLICATION (PRE-GRANT)
PI US 2002193274 AA 20021219
AI US 2002-177788 A 20020620
PRAI US 2002-177788 A 20020620
SE 1997-3089 A 19970827
WO 1998-SE1433 W 19980803
US 2000-512856 A3 20000225

LEVEL 2

AN 192673655 INPADOC ED 20030203 EW 200305 UP 20030527 UW 200321
TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND
REDUCING SACCHARIDES.
IN SKOLD ROLF; GUSTAVSSON BODIL
INS SKOLD ROLF; GUSTAVSSON BODIL
INA SE; SE
PA AKZO NOBEL N.V.
PAS AKZO NOBEL NV
PAA NL

DT Patent
PIT USBA PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
PI US 6503880 BA 20030107
AI US 2002-177788 A 20020620
PRAI US 2002-177788 A 20020620
SE 1997-3089 A 19970827
WO 1998-SE1433 W 19980803
US 2000-512856 A3 20000225

L9 ANSWER 15 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 181606023 INPADOC ED 20020827 EW 200234 UP 20030527 UW 200321
TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND
REDUCING SACCHARIDES.
IN SKOLD ROLF; GUSTAVSSON BODIL
INS SKOLD ROLF; GUSTAVSSON BODIL
INA SE; SE
PA AKZO NOBEL N.V.
PAS AKZO NOBEL NV
PAA NL
DT Patent
PIT USBA PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
PI US 6432907 BA 20020813
AI US 2000-512856 A 20000225
PRAI SE 1997-3089 A 19970827
WO 1998-SE1433 W 19980803

L9 ANSWER 16 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 134918967 INPADOC ED 20000920 EW 200037 UP 20010702 UW 200126
TI USE OF A QUATERNARY AMMONIUM GLYCOSIDE SURFACTANT AS
AN ADJUVANT FOR FERTILISERS OR PESTICIDES.
IN GUSTAVSSON, BODIL
INS GUSTAVSSON BODIL
INA SE
PA AKZO NOBEL NV; GUSTAVSSON, BODIL
PAS AKZO NOBEL NV; GUSTAVSSON BODIL
PAA NL; SE
TL English; French
LA English
DT Patent
PIT WOAI PUBL.OF THE INT.APPL. WITH INT.SEARCH REPORT
PI WO 2000049870 A1 20000831
DS RW: GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI
GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW
AI WO 2000-SE261 A 20000210
PRAI SE 1999-638 A 19990224
OSCA 133:173398
OSDW 2000-565398

L9 ANSWER 17 OF 20 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

AN 49715639 INPADOC EW 199911 UP 20030527 UW 200321
TI CATIONIC SUGAR SURFACTANTS FROM ETHOXYLATED AMMONIUM COMPOUNDS AND
REDUCING SACCHARIDES.
IN SKOELD, ROLF; GUSTAVSSON, BODIL

INS SKOELD ROLF; GUSTAVSSON BODIL
INA SE; SE
PA AKZO NOBEL N.V.; SKOELD, ROLF; GUSTAVSSON, BODIL
PAS AKZO NOBEL NV; SKOELD ROLF; GUSTAVSSON BODIL
PAA NL; SE; SE
TL English; French
LA English
DT Patent
PIT WO A1 PUBL.OF THE INT.APPL. WITH INT.SEARCH REPORT
PI WO 9910462 A1 19990304
DS RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
W: AU BR CA IS JP NO PL RU US
AI WO 1998-SE1433 A 19980803
PRAI SE 1997-3089 A 19970827
OSCA 130:211071
OSDW 99-204657

L9 ANSWER 18 OF 20 USPATFULL on STN
AN 2002:337909 USPATFULL
TI Cationic sugar surfactants from ethoxylated ammonium compounds and
reducing saccharides
IN Skold, Rolf, Stenungsund, SWEDEN
Gustavsson, Bodil, Angered, SWEDEN
PI US 2002193274 A1 20021219
US 6503880 B2 20030107
AI US 2002-177788 A1 20020620 (10)
RLI Division of Ser. No. US 2000-512856, filed on 25 Feb 2000, GRANTED, Pat.
No. US 6432907 Continuation of Ser. No. WO 1998-SE1433, filed on 3 Aug
1998, UNKNOWN
PRAI SE 1997-3089 19970827 (
DT Utility
FS APPLICATION
LN.CNT 574
INCL INCLM: 510/433.000
INCLS: 510/504.000
NCL NCLM: 510/470.000
NCLS: 510/238.000; 510/245.000; 510/259.000; 510/362.000; 510/365.000;
510/421.000; 510/504.000
IC [7]
ICM: C11D017-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 19 OF 20 USPATFULL on STN
AN 2002:202049 USPATFULL
TI Cationic sugar surfactants from ethoxylated ammonium compounds and
reducing saccharides
IN Skold, Rolf, Stenungsund, SWEDEN
Gustavsson, Bodil, Angered, SWEDEN
PA Akzo Nobel N.V., Arnhem, NETHERLANDS (non-U.S. corporation)
PI US 6432907 B1 20020813
AI US 2000-512856 20000225 (9)
RLI Continuation of Ser. No. WO 1998-SE1433, filed on 3 Aug 1998
PRAI SE 1997-3089 19970827
DT Utility
FS GRANTED
LN.CNT 480
INCL INCLM: 510/470.000
INCLS: 510/238.000; 510/245.000; 510/259.000; 510/362.000; 510/365.000;
510/421.000; 510/504.000
NCL NCLM: 510/470.000
NCLS: 510/238.000; 510/245.000; 510/259.000; 510/362.000; 510/365.000;
510/421.000; 510/504.000
IC [7]
ICM: C11D003-22

EXF 510/238; 510/245; 510/259; 510/362; 510/365; 510/421; 510/470; 510/504
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 20 OF 20 USPAT2 on STN
AN 2002:337909 USPAT2
TI Cationic sugar surfactants from ethoxylated ammonium compounds and
reducing saccharides
IN Skold, Rolf, Stenungsund, SWEDEN
Gustavsson, Bodil, Angered, SWEDEN
PA Akzo Nobel N.V., Arnhem, NETHERLANDS (non-U.S. corporation)
PI US 6503880 B2 20030107
AI US 2002-177788 20020620 (10)
RLI Division of Ser. No. US 2000-512856, filed on 25 Feb 2000, now patented,
Pat. No. US 6432907 Continuation of Ser. No. WO 1998-SE1433, filed on 3
Aug 1998
PRAI SE 1997-3089 19970827
DT Utility
FS GRANTED
LN.CNT 506
INCL INCLM: 510/470.000
INCLS: 510/238.000; 510/245.000; 510/259.000; 510/362.000; 510/365.000;
510/421.000; 510/504.000
NCL NCLM: 510/470.000
NCLS: 510/238.000; 510/245.000; 510/259.000; 510/362.000; 510/365.000;
510/421.000; 510/504.000
IC [7]
ICM: C11D003-22
EXF 510/470; 510/238; 510/245; 510/259; 510/362; 510/365; 510/421; 510/504
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

FIELD CODE - 'AND' OPERATOR ASSUMED 'SACCHARIDE(P) GLYCOSID?'

13 FILES SEARCHED...

L9 20 ALKYLENEOXY(P) SACCHARIDE(P) GLYCOSID? AND (QUATERNARY AMMONIUM
OR QUATERNARY AMMONIUM)

=>

=> end

=>

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:

LOGOFF? (Y)/N/HOLD:end

LOGOFF? (Y)/N/HOLD:

=>

=> d 19 1-20

L9 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:608520 CAPLUS

DN 133:173398

TI **Quaternary ammonium** glycoside surfactant as an
adjuvant for herbicide and fertilizer formulations

IN Gustavsson, Bodil

PA Akzo Nobel NV, Neth.

SO PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC
(Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);
PRP (Properties); RACT (Reactant or reagent); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4742 REFERENCES IN FILE CA (1907 TO DATE)
287 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4750 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s quaternary ammonium glycoside
715 QUATERNARY
80690 AMMONIUM
1060 GLYCOSIDE
68 GLYCOSIDES
1128 GLYCOSIDE
L2 0 QUATERNARY AMMONIUM GLYCOSIDE

=> s quaternary ammonium glycoside
4 QUATERNARY
80690 AMMONIUM
1060 GLYCOSIDE
68 GLYCOSIDES
1128 GLYCOSIDE
L3 0 QUATERNARY AMMONIUM GLYCOSIDE

=> s glycoside
1060 GLYCOSIDE
68 GLYCOSIDES
L4 1128 GLYCOSIDE

=> s quaternary ammonium saccharide
4 QUATERNARY
80690 AMMONIUM
2567 SACCHARIDE
49 SACCHARIDES
2615 SACCHARIDE
L5 0 QUATERNARY AMMONIUM SACCHARIDE

=> s quaternary ammonium saccharide
715 QUATERNARY
80690 AMMONIUM
2567 SACCHARIDE
49 SACCHARIDES
2615 SACCHARIDE
L6 0 QUATERNARY AMMONIUM SACCHARIDE

=> s ammoniated saccharide
12 AMMONIATED
2567 SACCHARIDE
49 SACCHARIDES
2615 SACCHARIDE
L7 0 AMMONIATED SACCHARIDE

=> s saccharide
2567 SACCHARIDE
49 SACCHARIDES